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The caddisflies from the “All-continent expert tour” in Central Japan 2003

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Introduction

The organisers of the 11th Int. Symposium on Trichoptera in Japan, Prof. K. Tanida and his team, offered two post-symposium excursions to the participants of the congress. One was undertaken in Hokkaido under the leadership of T. Ito. The second excursion led the participants to the mountains of Central Japan. Five trichopterologists embarked on this tour. Each came from a different continent: Monika and Wolfram Mey (Europe), Ferdy de Moor (Africa), Takao Nozaki (Asia), John Ward (Australia) and John Weaver III (America). The tour was called the “All-continent caddis expert tour” (Figures). Head of the group was T. Nozaki who was responsible for the organisation and the smooth running of the venture. The crew included some accompanying students and helpers, and we all-together had a really good time.

Although the weather was rainy, we managed to collect a good deal of material of caddisflies and other water insects at all places which were visited.

Back home, we identified the caddisflies and realised, that we got more than 60 species in the short period of two and a half days. Some of the species turned out to be interesting records for the Japanese faunistics. Therefore, we decided to publish our results and, thus, make the information available to all workers on Japanese Trichoptera.

Itinerary

The excursion started from Kutsuki village on 19 June 2003. We headed to the Gifu Prefecture, where we concentrated our collecting efforts on the Tsukechi River and its tributary Ino-dani. The night was spent in Oppara, a field station of Nagoya Women's University.

The house was close to the Shira River, and we collected a lot of caddisflies at the lights. The next day we drove to Nagano Prefecture. The first sampling site was a small river, Monamien, near Takagi village. In the afternoon, we moved to the Kiso Sammyaku Mountains (the Central Alps), above 1200m. The collecting site was on the banks of the Oguro-gawa, its neighbouring tributaries and a large swampy spring area. After some hours of intensive collecting we returned to Ina City. There, we had an refreshing traditional Japanese bath before the excursion proceeded to its final point, a station of Faculty of Agriculture of Shinshu University. Night collecting was performed while the Japanese students prepared a delicious, traditional meal including freshly caught fishes from the nearby streams. The next day, at noon times, we took the bus to Tokyo, where we arrived late afternoon. We met again with R. Kuranishi and his wife, and A. Nakano for a joint sight-seeing trip which ended up with a fine dinner.

The names and dates of the localities where caddisflies were collected are as follows:

17.6.2003

1 – Kutsuki, Takashima City, Shiga

19.6.2003

2 – Ino-dani, Kashimo, Nakatsugawa City, Gifu

3 – Tsukechi-gawa, Hondani, Tsukechi-cho, Nakatsugawa City, Gifu

4 – Shira-kawa, Oppara, Higashi-shirakawa Village, Gifu

20.6.2003

5 – Monamien, Tomita, Takagi Village, Nagano

6 – Oguro-gawa, Ina City, Nagano

7 – Tanasawa-gawa, Tera, Ina City, Nagano

21.6.2003

7 – Tanasawa-gawa, Tera, Ina City, Nagano

Results

The species and their collected quantities are listed in Table 1. In addition to the sites of the excursion, we have included the species collected during the symposium in Kutsuki village.

Some species deserve comments:

Rhyacophila yukii (sensu SCHMID) – The species is close to *R. kisoensis*, but differs from the original description of Tsuda.

Hydroptila coreana – The species is here recorded from Japan for the first time.

Doloclanae spec. – According to N. Kuhara (pers. com.), this may be an undescribed species of the genus *Wormaldia*.

Wormaldia spec. – According to N. Kuhara, this may be an undescribed species.

Kisaura spec. – According to N. Kuhara, this may be an undescribed species too.

Goera spec. – This dark species is undescribed. T. Nozaki and K. Tanida are preparing a description.

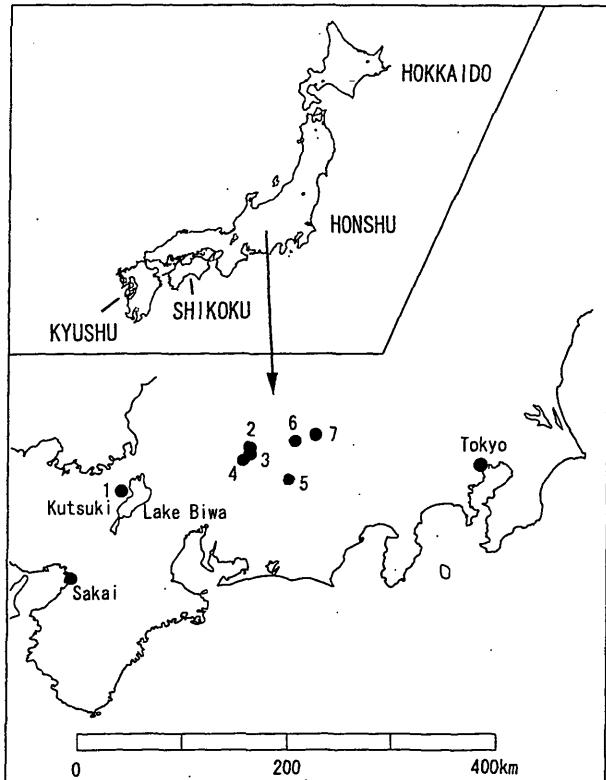


Table 1: List of caddisfly species collected in Japan, June 19-21, 2003. The localities correspond to the numbering in the itinerary.

Species (males/females)	localities						
	1	2	3	4	5	6	7
Rhyacophilidae							
<i>Rhyacophila bilobata</i> ULMER, 1907	1/0					1/1	
<i>Rhyacophila clemens</i> TSUDA, 1940	3/0	5/4					7/0
<i>Rhyacophila itoi</i> TSUDA & KAWAI, 1967		1/0					
<i>Rhyacophila kawamurae</i> TSUDA, 1940				6/2			
<i>Rhyacophila kohnae</i> ROSS, 1956				1/1			
<i>Rhyacophila lezeyi</i> NAVÁS, 1933	40/13	2/0	1/0		6/0		
<i>Rhyacophila motakanta</i> SCHMID, 1970						1/0	
<i>Rhyacophila nakagawai</i> KOBAYASHI, 1969	1/0						
<i>Rhyacophila nigrocephala</i> IWATA, 1927	6/2		1/0	1/0			
<i>Rhyacophila pacata</i> TSUDA, 1940		1/0				1/0	
<i>Rhyacophila tranquilla</i> TSUDA, 1940						1/0	
<i>Rhyacophila yamanakensis</i> IWATA, 1927	1/1						
<i>Rhyacophila yosiana</i> TSUDA, 1940			1/0		6/0		
<i>Rhyacophila yukii</i> TSUDA, 1942 (sensu Schmid)	1/0				5/2	1/0	
Glossosomatidae							
<i>Agapetus sibiricus</i> MARTYNOV, 1922	1/5						
<i>Agapetus</i> spec.				0/1			
<i>Glossosoma altaicum</i> (MARTYNOV, 1914)	1/0			1/0			
<i>Glossosoma nichikata</i> SCHMID, 1971						0/2	
<i>Glossosoma ussuricum</i> (MARTYNOV, 1934)						0/4	
<i>Palaeagapetus parvus</i> ITO, 1991					0/1		
Hydroptilidae							
<i>Hydroptila coreana</i> KUMANSKI, 1990				2/3			
<i>Hydroptila</i> spec.	0/6						
<i>Oxyethira</i> spec.	0/1						
Philopotamidae							
<i>Chimarra tsudai</i> ROSS, 1956		2/0					
<i>Doloclaines</i> spec.					1/0		
<i>Dolophilodes japonica</i> (BANKS, 1906)						1/0	
<i>Kisaura kisoensis</i> TSUDA, 1939			1/0				
<i>Kisaura</i> spec.						1/0	
<i>Wormaldia nabewarina</i> KOBAYASHI, 1969						1/0	
<i>Wormaldia</i> spec.	0/1					2/1	
Stenopsychidae							
<i>Stenopsyche marmorata</i> , NAVÁS, 1920				7/2		0/1	
<i>Stenopsyche sauteri</i> ULMER, 1907				9/8		0/1	
Hydropsychidae							
<i>Arctopsyche spinifera</i> ULMER, 1907						3/0	
<i>Diplectrona japonica</i> (BANKS, 1906)						0/1	
<i>Diplectrona</i> spec.						1/0	
<i>Cheumatopsyche galloisi</i> (MATSUMURA, 1931)				1/27			
<i>Cheumatopsyche infascia</i> MARTYNOV, 1934				2/30			
<i>Cheumatopsyche</i> spec.	0/9					0/1	
<i>Hydropsyche dilatata</i> TANIDA, 1986				0/1			
<i>Hydropsyche orientalis</i> MARTYNOV, 1934				0/4		2/33	
<i>Hydropsyche setensis</i> IWATA, 1927				19/8			
Polycentropodidae							
<i>Neucentropus mandjuricus</i> MARTYNOV, 1907		Biwa Lake	2/0				
Xiphocentronidae							
<i>Melanotrichia kibuneana</i> (TSUDA, 1942)					2/0	3/0	
<i>Melanotrichia forficula</i> (KOBAYASHI, 1964)					16/1		
Psychomyiidae							
<i>Psychomyia nipponica</i> TSUDA, 1942,	1/16			3/11			
<i>Psychomyia uncatissima</i> BOTOSANEANU, 1970				11/12			
<i>Tinodes ashigaranis</i> KOBAYASHI, 1971,					2/0		
<i>Tinodes higashiyamana</i> TSUDA, 1942					2/0		
<i>Tinodes</i> spec.	0/1	0/1	0/1				
Brachycentridae							
<i>Micrasema hanasensis</i> TSUDA, 1942,						1/0	
Lepidostomatidae							
<i>Lepidostoma albardanum</i> (ULMER, 1906)						1/0	
<i>Lepidostoma bipertitum</i> (KOBAYASHI, 1955)	2/4			0/4			
<i>Lepidostoma complicatum</i> (KOBAYASHI, 1968)						5/0	
<i>Lepidostoma crassicornue</i> (ULMER, 1907)						1/0	
<i>Lepidostoma japonicum</i> (TSUDA, 1936)		2/1			5/6		

<i>Lepidostoma speculiferum</i> (MATSUMURA, 1907)				1/0		1/0	14/5
Uenoidae							
<i>Uenoa tokunagai</i> IWATA, 1927						7/0	
Apataniidae							
<i>Moropsyche higoana</i> KOBAYASHI, 1971						9/0	
Goeridae							
<i>Goera japonica</i> BANKS, 1906,	1/3			2/6		1/9	
<i>Goera spicata</i> SCHMID, 1965						1/0	
<i>Goera</i> spec.					1/0		
Leptoceridae							
<i>Athripsodes</i> spec.	0/1						
<i>Ceraclea complicatus</i> (KOBAYASHI, 1984)				2/13			
<i>Setodes</i> spec.				0/5			
Calamoceratidae							
<i>Anisocentropus</i> spec.	0/1						
Odontoceridae							
<i>Psilotreta kisoensis</i> IWATA, 1928						1/0	
Sericostomatidae							
<i>Gumaga orientalis</i> (MARTYNOV, 1935)	1/5			0/1		0/2	
Total: 67	13	10	7	22	8	16	20



Members of the excursion, from left to right: F. de Moor, W. Mey, T. Nozaki, J. Ward and J. Weaver III.

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